

10/057321  
STN Search Summary

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FILE 'CAPLUS' ENTERED AT 10:18:53 ON 17 JUN 2004

L1 506 S TACE OR (ADAM (W) 17)  
L2 85 S L1 AND (CRYSTAL? OR ?DIMENSIONAL? OR STRUCTURE OR XRAY)  
L3 30 S L1 AND (CRYSTAL? OR ?DIMENSIONAL? OR XRAY)

L3 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:252540 CAPLUS  
TI Crystal structure of underglycosylated human testicular  
angiotensin-converting enzyme (ACE) and lisinopril complex, and use in  
drug screening and design

IN Acharya, Ravi; Sturrock, Edward  
PATENT NO. KIND DATE

APPLICATION NO. DATE

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004024765	A1	20040325	WO 2003-GB3966	20030912
PRAI GB 2002-21169	A	20020912		

L3 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:30317 CAPLUS  
TI A model of the ACE2 structure and function as a SARS-CoV receptor  
AU Prabakaran, Ponraj; Xiao, Xiaodong; Dimitrov, Dimitar S.  
SO Biochemical and Biophysical Research Communications (2004), 314(1), 235-241

L3 ANSWER 7 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:754330 CAPLUS  
TI Protease inhibitors of the sulfonamide type: anticancer, antiinflammatory,  
and antiviral agents  
AU Supuran, Claudiu T.; Casini, Angela; Scozzafava, Andrea  
SO Medicinal Research Reviews (2003), 23(5), 535-558

L3 ANSWER 8 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:635563 CAPLUS  
TI Butynyl ether derivatives as inhibitors of TACE  
AU Du, Mila  
SO Abstracts of Papers, 226th ACS National Meeting, New York, NY, United  
States, September 7-11, 2003 (2003), ORGN-476 Publisher: American Chemical  
Society, Washington, D. C.

L3 ANSWER 11 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:273905 CAPLUS  
TI Deglycosylation, processing and crystallization of human testis  
angiotensin-converting enzyme  
AU Gordon, Kerry; Redelinghuys, Pierre; Schwager, Sylva L. U.; Ehlers, Mario  
R. W.; Papageorgiou, Anastassios C.; Natesh, Ramanathan; Acharya, K. Ravi;  
Sturrock, Edward D..  
SO Biochemical Journal (2003), 371(2), 437-442

L3 ANSWER 12 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:249856 CAPLUS  
TI Identification of a Selectivity Determinant for Inhibition of Tumor  
Necrosis Factor-.alpha. Converting Enzyme by Comparative Modeling  
AU Wasserman, Zelda R.; Duan, James J.-W.; Voss, Matthew E.; Xue, Chu-Biao;  
Cherney, Robert J.; Nelson, David J.; Hardman, Karl D.; Decicco, Carl P.  
SO Chemistry & Biology (2003), 10(3), 215-223

L3 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:734849 CAPLUS  
 TI Mapping and characterization of the functional epitopes of tissue inhibitor of metalloproteinases (TIMP)-3 using TIMP-1 as the scaffold: a new frontier in TIMP engineering  
 AU Lee, Meng-Huee; Maskos, Klaus; Knauper, Vera; Dodds, Philippa; Murphy, Gillian  
 SO Protein Science (2002), 11(10), 2493-2503

L3 ANSWER 14 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:618277 CAPLUS  
 TI Discovery of selective and orally bioavailable TACE inhibitors  
 AU Duan, James J.-W.; Chen, Lihua; Lu, Zhonghui; Wasserman, Zelda R.; Maduskuie, Thomas P.; Liu, Rui-Qin; Covington, Maryanne B.; Vaddi, Krishna G.; Qian, Mingxin; Voss, Matthew E.; Xue, Chu-Biao; Hardman, Karl D.; Ribadeneira, Maria D.; Newton, Robert C.; Magolda, Ronald L.; Christ, David D.; Decicco, Carl P.  
 SO Abstracts of Papers, 224th ACS National Meeting, Boston, MA, United States, August 18-22, 2002 (2002), MEDI-426 Publisher: American Chemical Society, Washington, D. C.

L3 ANSWER 15 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:463238 CAPLUS  
 TI The 1.35 Å structure of cadmium-substituted TM-3, a snake-venom metalloproteinase from Taiwan habu: elucidation of a TNF- $\alpha$ -converting enzyme-like active-site structure with a distorted octahedral geometry of cadmium  
 AU Huang, Kai Fa; Chiou, Shyh Horng; Ko, Tzu Ping; Yuann, Jeu Ming; Wang, Andrew H. J.  
 SO Acta Crystallographica, Section D: Biological Crystallography (2002), D58(7), 1118-1128

L3 ANSWER 16 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:324928 CAPLUS  
 TI Synthesis and biological activity of selective peptidic acid-based TNF- $\alpha$ -converting enzyme (TACE) inhibitors  
 AU Letavic, Michael A.; Axt, Matt Z.; Barberia, John T.; Carty, Thomas J.; Danley, Dennis E.; Geoghegan, Kieran F.; Halim, Nadia S.; Hoth, Lise R.; Kamath, Ajith V.; Laird, Ellen R.; Lopresti-Morrow, Lori L.; McClure, Kim F.; Mitchell, Peter G.; Natarajan, Vijayalakshmi; Noe, Mark C.; Pandit, Jayvardhan; Reeves, Lisa; Schulte, Gayle K.; Snow, Sheri L.; Sweeney, Francis J.; Tan, Douglas H.; Yu, Chul H.  
 SO Bioorganic & Medicinal Chemistry Letters (2002), 12(10), 1387-1390

L3 ANSWER 17 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:315563 CAPLUS  
 TI  $\beta$ -Aryl-Succinic Acid Hydroxamates as Dual Inhibitors of Matrix Metalloproteinases and Tumor Necrosis Factor Alpha Converting Enzyme  
 AU Kottirsch, Georg; Koch, Guido; Feifel, Roland; Neumann, Ulf  
 SO Journal of Medicinal Chemistry (2002), 45(11), 2289-2293

L3 ANSWER 18 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:54475 CAPLUS  
 TI A three-dimensional quantitative structure-activity relationship  
 study of heparin-binding epidermal growth factor shedding inhibitors using  
 comparative molecular field analysis  
 AU Bursi, Roberta; Sawa, Masaaki; Hiramatsu, Yasuyuki; Kondo, Hirosato  
 SO Journal of Medicinal Chemistry (2002), 45(4), 781-788

L3 ANSWER 19 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2001:202105 CAPLUS  
 TI Strategies for lead optimization: discovery of new drug candidates  
 AU Abou-Gharbia, Magid  
 CS Chemical Sciences, Wyeth-Ayerst Research, Princeton, NJ, 08543-8000, USA  
 SO Abstracts of Papers - American Chemical Society (2001), 221st, MEDI-202

L3 ANSWER 21 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:511239 CAPLUS  
 TI Crystalline TNF-.alpha.-converting enzyme and uses thereof  
 IN Black, Roy A.; Paxton, Raymond James; Bode, Wolfram; Maskos, Klaus;  
 Fernandez-Catalan, Carlos; Chen, James Ming; Levin, Jeremy Ian

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9940182	A2	19990812	WO 1999-US2185	19990203
WO 9940182	A3	19991007		
CA 2319040	AA	19990812	CA 1999-2319040	19990203
AU 9925740	A1	19990823	AU 1999-25740	19990203
ZA 9900851	A	19990825	ZA 1999-851	19990203
EP 1053304	A2	20001122	EP 1999-905615	19990203
NZ 505959	A	20030530	NZ 1999-505959	19990203
JP 2004503202	T2	20040205	JP 2000-530596	19990203
US 2002081692	A1	20020627	US 1999-244984	19990204
NO 2000003687	A	20000919	NO 2000-3687	20000718
US 2003004651	A1	20030102	US 2001-57321	20010924
PRAI US 1998-73709P	P	19980204		
US 1998-50083	A1	19980330		
US 1999-117476P	P	19990127		
US 1998-135499P	P	19980330		
WO 1999-US2185	W	19990203		
US 1999-244984	A3	19990204		
US 2000-611722	B1	20000706		

L3 ANSWER 23 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1998:700396 CAPLUS  
 TI ADAMS: focus on the protease domain  
 AU Black, Roy A.; White, Judith M.  
 SO Current Opinion in Cell Biology (1998), 10(5), 654-659

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L3 ANSWER 24 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:235996 CAPLUS  
TI Crystal structure of the catalytic domain of human tumor  
necrosis factor-.alpha.-converting enzyme  
AU Maskos, Klaus; Fernandez-Catalan, Carlos; Huber, Robert; Bourenkov, Gleb  
P.; Bartunik, Hans; Ellestad, George A.; Reddy, Pranitha; Wolfson, Martin  
F.; Rauch, Charles T.; Castner, Beverly J.; Davis, Raymond; Clarke, Howard  
R. G.; Petersen, Melissa; Fitzner, Jeffrey N.; Cerretti, Douglas Pat;  
March, Carl J.; Paxton, Raymond J.; Black, Roy A.; Bode, Wolfram  
SO Proceedings of the National Academy of Sciences of the United States of  
America (1998), 95(7), 3408-3412

125  
L3 ANSWER 25 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:115206 CAPLUS  
TI Structures of adamalysin II with peptidic inhibitors. Implications for the  
design of tumor necrosis factor .alpha. convertase inhibitors  
AU Gomis-Ruth, F. Xavier; Meyer, Edgar F.; Kress, Lawrence F.; Politi,  
Vincenzo  
SO Protein Science (1998), 7(2), 283-292

L3 ANSWER 26 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:489858 CAPLUS  
TI Novel macrocyclic inhibitors of matrix metalloproteinases and TNF-.alpha.  
converting enzyme.  
AU Decicco, Carl P.; Nelson, David J.; Kennedy, Ken; Hardman, Karl; Copeland,  
Robert; Covington, Maryanne; Magolda, Ron; Arner, Elizabeth; Duan, Jim; et  
al.  
SO Book of Abstracts, 214th ACS National Meeting, Las Vegas, NV, September  
7-11 (1997), MEDI-100 Publisher: American Chemical Society, Washington, D.  
C.

125  
L3 ANSWER 27 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:489854 CAPLUS  
TI Novel cyclophane inhibitors of matrix metalloproteinases and TNF-.alpha.  
converting enzyme.  
AU Decicco, Carl P.; Nelson, David J.; Xue, C. -B.; Hardman, Karl; Copeland,  
Robert; Covington, Maryanne; Magolda, Ron; Arner, Elizabeth  
SO Book of Abstracts, 214th ACS National Meeting, Las Vegas, NV, September  
7-11 (1997), MEDI-096 Publisher: American Chemical Society, Washington, D.  
C.

L3 ANSWER 28 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:113710 CAPLUS  
TI Identification of N-linked glycosylation sites in human testis  
angiotensin-converting enzyme and expression of an active deglycosylated  
form  
AU Yu, X. Christopher; Sturrock, Edward D.; Wu, Zhuchun; Biemann, Klaus;  
Ehlers, Mario R. W.; Riordan, James F.  
SO Journal of Biological Chemistry (1997), 272(6), 3511-3519

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DATE: Thursday, June 17, 2004

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L8	L7 same (crystal\$ or xray or (high adj resolution) or (three adj dimension\$))	62
<input type="checkbox"/>	L7	L6 or l1	6962
<input type="checkbox"/>	L6	(tumor adj necrosis adj factor) adj2 convert\$	157
<input type="checkbox"/>	L5	L3 same (crystal\$ or \$dimension\$ or xray)	179
<input type="checkbox"/>	L4	L3 and (crystal\$ or \$dimension\$ or xray)	846
<input type="checkbox"/>	L3	L2 or l1	7088
<input type="checkbox"/>	L2	(tumor adj necrosis adj factor) with convert\$	307
<input type="checkbox"/>	L1	tace or (adam adj 17)	6935

END OF SEARCH HISTORY